



KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF WASTE MANAGEMENT
FORBES FIELD, TOPEKA, KANSAS 66620



HAZARDOUS WASTE GENERATOR/TRANSPORTER
COMPLIANCE INSPECTION CHECKLIST

General

☒ Routine ☐ Complaint

EPA ID KS0007139264 Time 10:00 Date 6-8-99

Facility Name VERSA FLEX District NEDO

Street 22 N. 6th St. City Kansas City, Kansas ZIP 66101

Mailing Address (if different than above) AS Above

County Wyandott Phone (816) 561-6191

Contact(s) Jerry Sand-Hazardous Waste Mgr.; David Cerchie - President

Inspector(s) Bob Medina SIC: 2891

Type of Business Polyurea Sealants & Coatings Number of Employees 6-12

Facility size classification: ☐ Closed ☒ Small Qty. Generator ☐ EPA Generator
☐ Not a Generator ☐ Kansas Generator ☐ Transporter

Other Regulated Activities: ☐ T/S/D Facility ☐ Used Oil Activities
(complete applicable checklist) ☐ HW Burner/Marketer ☐ Universal Waste Activities

Has the company declared any information/processes as trade secrets (KSA 65-3447)? NO
If yes, explain: _____

Industrial Wastes Generated

(List hazardous wastes first)

Waste:	<u>Polyurea</u>	<u>Rags</u>
If waste is hazardous give HW ID Number:	<u>NON-HAZ</u>	<u>NON-HAZ</u>
Amount generated per month:	<u>1,000 lbs.</u>	<u>20 Boxes (3lbs. per box)</u>
Amount presently in storage:	<u>112,500 lbs.</u>	<u>24 lbs.</u>
Accumulation time:	<u>3 years</u>	<u>1 week</u>
Present disposal methods:	<u>landfill in Mo.</u>	<u>landfill in Kan.</u>

Waste:	<i>Gloves</i>	<i>General trash</i>
If waste is hazardous give HW ID Number:	<i>NON-HAZ</i>	<i>NON-HAZ</i>
Amount generated per month:	<i>1000 gloves</i>	
Amount presently in storage:	<i>500 pair</i>	
Accumulation time:	<i>2 weeks</i>	
Present disposal methods:	<i>landfill in Kan</i>	<i>landfill in Kan.</i>

Waste:		
If waste is hazardous give HW ID Number:		
Amount generated per month:		
Amount presently in storage:		
Accumulation time:		
Present disposal methods:		

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Amount presently in storage:		
Accumulation time:		
Present disposal methods:		

General Requirements (GGR)

YES NO NA

1. Has the facility evaluated all potentially hazardous waste(s) to determine if it is hazardous? [KAR 28-31-4(b)/40 CFR 261.2] ☒ ☐ ☐
- a. If waste(s) was tested, was the analysis conducted by a laboratory certified by KDHE? [KAR 28-31-4(b)(3)(A)] ☒ ☐ ☐
- b. If waste(s) was tested, are the results kept for three years from date waste was sent on/offsite for T/S/D? [KAR 28-31-4(f)(1)(C)] ☒ ☐ ☐
2. Is hazardous waste(s) disposed of via the sanitary sewer to a Publicly Owned Treatment Works (POTW)? [KAR 28-31-3/40 CFR 261.4] ☐ ☒ ☐
- a. If yes, does the facility discharge greater than 25 kilograms per month? ☐ ☐ ☐
- b. If yes, has facility submitted the RCRA (Wastewater) Notification Form [40 CFR, Part 403.12(p)] to the following agencies:
- City - POTW? ☐ ☐ ☐
- US EPA Region VII - Director of Waste Management? ☐ ☐ ☐
- KDHE - Bureau of Waste Management? ☐ ☐ ☐

NOTE: RCRA (Wastewater) Notification forms are obtained from: Bureau of Water (785) 296-5551.

3. Does facility dispose of industrial waste that requires a Special Waste Disposal Authorization at a permitted sanitary landfill? ☒ ☐ ☐
- a. If yes, list the authorization number(s): *the waste are being disposed in MO. If, they dispose in Kan. they will need a permit.*

General Requirements:

☒ Compliance ☐ Non-Compliance ☐ NA**Notification of Requirements (GGR)**

4. Has facility notified KDHE and obtained an EPA Identification Number? [KAR 28-31-4(c)] ☐ ☒ ☐
5. Is current notification accurate? [KAR 28-31-4(c)(1)] ☐ ☐ ☒

Notification Requirements:

☐ Compliance ☐ Non-Compliance ☒ NA

(small quantity generator not accumulating, stop here)

Transporter Requirements (TRR)

		YES	NO
39.	Does this facility transport hazardous waste?	<input type="checkbox"/>	<input type="checkbox"/>
	If yes,		
(a)	Are they registered as a hazardous waste transporter in the state of Kansas? (KAR 28-31-6 (b))	<input type="checkbox"/>	<input type="checkbox"/>
(b)	Does transporter comply with the manifest requirements of 40 CFR Part 263.20 except 263.20(h)?	<input type="checkbox"/>	<input type="checkbox"/>
(c)	Does transporter retain a copy of the manifest for three years? (40 CFR 263.22(a))	<input type="checkbox"/>	<input type="checkbox"/>
(d)	Does this facility transport hazardous waste subject to the manifest exemption of KAR 28-31-4(d)(7)? If yes,	<input type="checkbox"/>	<input type="checkbox"/>
	A. Does the transporter record the name, address, and EPA ID Number of the generator;	<input type="checkbox"/>	<input type="checkbox"/>
	B. Quantity of waste shipped;		
	C. DOT shipping information; and the date the waste was accepted in a log or shipping paper?	<input type="checkbox"/>	<input type="checkbox"/>
(e)	Does the transporter carry this record when transporting the waste to the reclamation facility?	<input type="checkbox"/>	<input type="checkbox"/>
(f)	Does the transporter retain these records for a period of three years after the termination or expiration of the agreement?	<input type="checkbox"/>	<input type="checkbox"/>

Transporter Requirements: ☐ Compliance ☐ Non-Compliance ☐ NA

7-14-99

SUMMARY

I arrived at the Versa Flex facility on June 8, 1999, at 9:30. There I met Jerry Sand Hazardous Waste Manager, Dustin Downing Plant Manager, and latter that morning David Cerchie President and Owner of the facility.

The facility produces a product called Polyurea and is used as a sealant and coating for metal, wood, cement, and many other products. The Polyurea is mixed at the facility and transported to the site and sprayed on that specific material for protection.

The waste that is produced from the manufacturing of Poyurea has been tested and has no characteristics of hazardous waste. They do have 220 -55 gallon drums of this waste stacked two and in some places three drums high. I informed Jerry Sand and David Cerchie if, this waste remains in the

drums and is disposed at any Municipal Landfill a special waste permit would be needed. Richard Brónaugh handles all special waste permits and would need contacted for a permit. There are five drums of used oil that were left by the former tenant. Mr. Cerchie informed me that they would be contracting to rid the site of the used oil.

VIOLATIONS

1. No labels on the oil drums that read "Used Oil". The violation was corrected while I was there.

MATERIAL SAFETY DATA SHEET

VersaFlex, Incorporated

3145 Broadway
Kansas City, Missouri 64111
(816) 561-6191
(800) 870-8842
Medical Inquiries (800) 859-6493

Issue Date:
MSDS #:DEMO

Section I - Product Name

Product: SL-45 A (Urethane Pre-polymer)

Section II - Hazardous Ingredients/Identity Information

Components	Common Name	OSHA PEL	ACGIH TLV
Diphenylmethane Diisocyanate	101-68-8	02 ppm Cei	Not Determined
Diphenylmethane Diisocyanate	5873-54-1	02 ppm Cei	Not Determined
1,3-Dioxolan-2-one	108-3-27	None Estab.	Not Determined

Section III - Physical/Chemical Characteristics

Boiling Point:	No Data
Vapor Pressure (mm Hg):	No Data
Vapor Density(Air=1):	No Data
Solubility in Water:	Insoluble
Specific Gravity (H ₂ O=1):	1.15
Melting Point:	No Data
Evaporation rate (Butyl Acetate = 1):	Slower than
Appearance and Odor:	Pale yellow to amber liquid with faint odor

Section IV - Fire and Explosion Hazard Data

Flash Point (method used):	>200 Degrees Fahrenheit (Pensky-Marten Closed)
Flammable Limits:	Not established
LEL:	Not established
UEL:	Not established
Extinguishing Media:	Foam/Carbon dioxide/Dry Chemical/Water Fog
Special firefighting procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where exposure to vapors or products exist.
potential for Unusual Fire and Explosion Hazards:	Closed containers may rupture (due to build-up of pressure) when exposed to extreme heat.

Section V - Reactivity Data

Stability:	Stable - Protect from atmospheric moisture. Replace outage with inert dry nitrogen.
Incompatibility:	Avoid: Water, acid, base (alkalis, ammonia), alcohols, metal compounds.
Hazardous decomposition or Byproducts:	Isocyanate vapors or mist, carbon dioxide, carbon monoxide, nitrogen oxides.
Polymerization:	Hazardous polymerization may occur. Avoid incompatible reactants, especially strong bases, water or temperatures over 160 degrees centigrade.

Section VI - Health Hazard Data

Routes of Entry:	Inhalation - possible. Skin absorption - possible. Ingestion - possible.
Health Hazards:	Ingestion - No significant signs or symptoms of any adverse health hazard. Inhalation - May cause respiratory sensitization in susceptible individuals. Skin contact - May cause allergic skin reaction in susceptible individuals.
Carcinogenicity:	No data.
NTP:	No data.
IARC Monographs:	No data.
OSHA regulated:	No.
Signs and Symptoms:	No information is available on the chronic health hazards of this product. Based upon data from testing of similar products, no significant effects are expected.
Exposure effects:	No data exists pertaining to medical conditions which may be generally aggravated by continued exposure.
Emergency and First Aid Procedure:	Inhalation - Move victim to fresh air immediately. Give oxygen and get medical attention. Ingestion - If swallowed, dilute with water and immediately induce vomiting (unless victim is unconscious). Contact - Rinse with clean water for 20 - 30 minutes. Use soapy water if needed.

Section VII - Precautions for Safe Handling and Use

If material is spilled or released: Avoid contact with material. Persons not wearing appropriate protective equipment should be excluded until the spill is cleaned up. Stop spill at source, pump liquid to salvage container. remaining liquid may be taken up on clay, diatomaceous earth, or other absorbent. treat with 3 - 8% concentration of ammonium hydroxide or 5 - 10% sodium carbonate. Add 10 parts neutralizing solution/part isocyanate. Let stand 48 hours.

Waste Disposal: Dispose of according to current local, state, and federal regulations.

Precautions for handling and storage: Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. (Exothermic generation of carbon dioxide may cause dangerous pressure.)

Section VIII - Control Measures

Respiratory Protection: None required if adequate ventilation exists. (A NIOSH/MSHA respirator is acceptable.)

Ventilation: Local exhaust may be required in some areas. Special exhausting generally not required. Mechanical exhaust usually adequate.

Protective gloves: Use impervious gloves. (Neoprene or rubber.)

Other protective clothing or equipment: Coveralls and impervious foot covering is recommended. Eye protection is recommended.

Work/Hygienic Practices: Water should be available to wash skin and eyes if required.

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Kansas City, Missouri 64111
(816) 561-6191
(800) 870-8842
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Issue Date:
MSDS #:DEMO

Section I - Product Name

Product: SL-45 B (Urethane Hardner)

Section II - Hazardous Ingredients/Identity Information

Components	Common Name	OSHA PEL	ACGIH TLV
Polyoxyalkyleneamine	904-610-0	Not Estab.	Not Estab.
N,N-Dialkylamino-diphenylmethane	5285-60-9	Not Estab.	Not Estab.
Alkylene carbonate	108-32-7	Not Estab.	Not Estab.
gamma-Glycidoxypropyltrimethylsiloxane	2530-83-8	Not Estab.	Not Estab.
Pigment Dispersion	NA	10mg/m3	Not Estab.
Alkali-aluminosilcate	NA	6.0mg/m3	10mg/m3
Castor Oil	8001-79-4	Not Estab.	Not Estab.

Section III - Physical/Chemical Characteristics

Boiling Point:	395° Farenheit
Vapor Pressure (mm Hg):	No Data
Vapor Density(Air=1):	No Data
Solubility in Water:	1 - 10%
Specific Gravity (H2O=1):	1.05
Melting Point:	No Data
Evaporation rate (Butyl Acetate = 1):	Slower than
Appearance and Odor:	Gray (or color of pigment additive) with slight ammonia odor

Section IV - Fire and Explosion Hazard Data

Flash Point (method used):	>200° Fahrenheit (Pensky-Marten Closed)
Flammable Limits:	Class IIIB
LEL:	Not established
UEL:	Not established
Extinguishing Media:	Foam/Carbon dioxide/Dry Chemical/Water Fog
Special firefighting procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products exist.
Unusual Fire and Explosion Hazards:	Closed containers may rupture (due to build-up of pressure) when exposed to extreme heat.

Section V - Reactivity Data

Stability: Stable: Avoid excessive heat and strong oxidizing agents.

Incompatibility: Avoid: Strong oxidizers, acids.

Hazardous decomposition or Byproducts: Carbon dioxide, carbon monoxide, nitrogen oxides.

Polymerization: Will not occur.

Section VI - Health Hazard Data

Routes of Entry: Inhalation - minimal.
Skin absorption - slight.
Ingestion - moderate.

Health Hazards: Acute Ingestion: Moderately toxic, causes abdominal cramps, nausea, swelling.
Acute Inhalation: May cause nausea and respiratory tract irritation.
Mild Skin Contact: Product is a slight skin irritant, mild eye irritant.

Carcinogenicity: No data.
NTP: No data.
IARC Monographs: No data.
OSHA regulated: No.

Signs and Symptoms: Acute ingestion causes burning of mouth, throat, and stomach with abdominal pain.
Acute inhalation of vapors and mist cause nasal discharge and pain in eyes.

Exposure effects: No significant effects expected.

Emergency and First Aid Procedure: Ingestion - Do not induce vomiting! Get medical help immediately.
Skin contact - Remove from skin immediately. Rinse with clean water for 20 - 30 minutes.
Eyes- Immediately flush with large amount of water until medical help arrives.

Section VII - Precautions for Safe Handling and Use

If material is spilled or released: Standard hydrocarbon spill procedures apply to this product.

Waste Disposal: Dispose of according to current local, state, and federal regulations.

Precautions for handling and storage: Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. (Exothermic generation of carbon dioxide may cause dangerous pressure.)

Section VIII - Control Measures

Respiratory Protection: Respiratory masks should be worn at all times. (A NIOSH/MSHA respirator is acceptable.)

Ventilation: Adequate ventilation required. Local exhaust may be required in some areas. Special exhausting generally not required. Mechanical exhaust usually adequate.

Protective gloves: Use impervious gloves. (Neoprene or rubber.)

Other protective clothing or equipment: Coveralls and impervious foot covering is recommended. Eye protection is recommended.

Work/Hygienic Practices: Gloves and protective respiratory equipment should be worn at all times.

The information herein is given in good faith but no warranty, expressed or implied is made.

MATERIAL SAFETY DATA SHEET

VersaFlex, Incorporated

3145 Broadway

Kansas City, Missouri 64111

(816) 561-6191

(800) 870-8842

Medical Inquiries (800) 859-6493

Issue Date: 12/01/94

MSDS #:

Section I - Product Name

Product: SL-85 A (Urethane Pre-polymer)

Section II - Hazardous Ingredients/Identity Information

Components	Common Name	OSHA PEL	ACGIH TLV
Diphenylmethane Diisocyanate	101-68-8	02 ppm Cei	Not Determined
Diphenylmethane Diisocyanate	5873-54-1	02 ppm Cei	Not Determined
1,3-Dioxolan-2-one	108-3-27	None Estab.	Not Determined

Section III - Physical/Chemical Characteristics

Boiling Point:	No Data
Vapor Pressure (mm Hg):	No Data
Vapor Density(Air=1):	No Data
Solubility in Water:	Insoluble
Specific Gravity (H2O=1):	1.15
Melting Point:	No Data
Evaporation rate (Butyl Acetate = 1):	Slower than
Appearance and Odor:	Pale yellow to amber liquid with faint odor

Section IV - Fire and Explosion Hazard Data

Flash Point (method used):	>200 Degrees Fahrenheit (Pensky-Marten Closed)
Flammable Limits:	Not established
LEL:	Not established
UEL:	Not established
Extinguishing Media:	Foam/Carbon dioxide/Dry Chemical/Water Fog
Special firefighting procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products exist.
Unusual Fire and Explosion Hazards:	Closed containers may rupture (due to build-up of pressure) when exposed to extreme heat.

Section V - Reactivity Data

Stability:	Stable - Protect from atmospheric moisture. Replace outage with inert dry nitrogen.
Incompatibility:	Avoid: Water, acid, base (alkalis, ammonia), alcohols, metal compounds.
Hazardous decomposition or Byproducts:	Isocyanate vapors or mist, carbon dioxide, carbon monoxide, nitrogen oxides.
Polymerization:	Hazardous polymerization may occur. Avoid incompatible reactants, especially strong bases, water or temperatures over 160 degrees centigrade.

Section VI - Health Hazard Data

Routes of Entry:	Inhalation - possible. Skin absorption - possible. Ingestion - possible.
Health Hazards:	Ingestion - No significant signs or symptoms of any adverse health hazard. Inhalation - May cause respiratory sensitization in susceptible individuals. Skin contact - May cause allergic skin reaction in susceptible individuals.
Carcinogenicity:	No data.
NTP:	No data.
IARC Monographs:	No data.
OSHA regulated:	No.
Signs and Symptoms:	No information is available on the chronic health hazards of this product. Based upon data from testing of similar products, no significant effects are expected.
Exposure effects:	No data exists pertaining to medical conditions which may be generally aggravated by continued exposure.
Emergency and First Aid Procedure:	Inhalation - Move victim to fresh air immediately. Give oxygen and get medical attention. Ingestion - If swallowed, dilute with water and immediately induce vomiting (unless victim is unconscious). Contact - Rinse with clean water for 20 - 30 minutes. Use soapy water if needed.

Purpose of MSDS preparation: SHIPMENT

Herein is the MSDS for DR-22196. Please direct this to the appropriate department or person that has responsibility for these documents.

BY MAIL

Plasticolors, Inc.
P.O. Box 816
2600 Michigan Ave.
Ashtabula, Ohio 44004

Emergency Telephone
(216) 997-5137
(800) 358-8810 (SECURITYLINK 24 hr. Answering Service)

Date of printing: 11 Apr 1996 08:37:07AM

Approved by: *Carol Haight*

Date of creation/revision: 11 May 1992 08:19AM

MR. TRIPP ISHMAEL
VERSAFLEX, INCORPORATED
1123 S. ERIE
TULSA, OK 74112

HMIS: Health 1 Flam. 1 React. 0

SECTION I

COMMON NAME

MANUFACTURER'S CODE: DR-22196
IDENTIFICATION: GREY 203
TRADE NAME: COLORMATCH

CHEMICAL NAME: Pigment Dispersion
TSCA INVENTORY STATUS: CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

SECTION II -- HAZARDOUS INGREDIENTS

INGREDIENTS	%	TWA		STEL		CEILING		SOURCE
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Silica, amorphous	3.6	20.00	80.000					OSHA-PEL
			10.000					ACGIH-TLV
Carbon Black	1.0		3.500					OSHA/ACGIH
Iron Oxide	1.5		10.000					OSHA-PEL
			5.000					ACGIH-TLV
Titanium dioxide	57.6		15.000					OSHA/PEL
			10.000					ACGIH-TLV

SECTION III -- PHYSICAL DATA

BOILING RANGE: Not Established. SPECIFIC GRAVITY: 1.90
VAPOR PRESSURE: Not Established. PERCENT VOLATILE BY VOLUME: 0.0
VAPOR DENSITY: Not Established. EVAPORATION RATE: Slower than ether.
SOLUBILITY IN WATER: Appreciable (>10%)
APPEARANCE AND ODOR: Pigmented paste, slight to no odor.

SECTION IV -- FIRE AND EXPLOSION DATA

FLASH POINT: 380.0 F (193.3 C)
Pensky-Martens
Closed Cup

AUTOIGNITION TEMPERATURE: NA

FLAMMABLE LIMITS IN AIR % BY VOLUME	<u>MATERIAL</u>	<u>LEL</u>	<u>UEL</u>
	NA		

EXTINGUISHING MEDIA: CO₂, foam, dry chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fumes released on burning are toxic and dangerous.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters must wear NIOSH-approved self-contained breathing apparatus and full protective equipment. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur.

SECTION V -- REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Exposure to moisture, Excessive heat, flame and other possible ignition sources.

INCOMPATIBILITY: Strong oxidizers. Isocyanates and other materials that react with hydroxyl groups.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, low molecular weight hydrocarbons, organic acids.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: NA

SECTION VI -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established for final product. See Section II for TLVs of components.

ROUTES OF EXPOSURE:

<u>ROUTE</u>	<u>ACUTE EXPOSURE</u>	<u>CHRONIC EXPOSURE</u>	<u>MEDICAL CONDITIONS AGGRAVATED</u>
EYES	May cause minor irritation but no corneal injury.	NA	NA
INGESTION	May cause gastrointestinal irritation, which could include nausea, vomiting, diarrhea.	NA	NA
SKIN	May cause mild irritation.	NA	NA

CHEMICALS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

MATERIAL NATIONAL TOXICOLOGY PROGRAM IARC MONOGRAPHS OSHA

NA

EMERGENCY AND FIRST AID PROCEDURES:

Flush eyes immediately with large amounts of water for at least 15 minutes. Flush under both upper and lower lids. Seek medical aid. Wash from skin with soap and water. If irritation develops, seek medical aid. Wash contaminated clothing before reuse. If inhaled, remove person to fresh air and aid in breathing if necessary. Seek medical aid. If ingested, seek medical aid.

SECTION VII -- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Before the OSHA PEL, ACGIH TLV, or any other TLV for any component listed in Section II is exceeded, use NIOSH approved air-supplied respirator.

VENTILATION

Sufficient explosion-proof mechanical ventilation (general and/or local exhaust) to maintain exposure below any PEL(s) or TLV(s) given in Section II.

PROTECTIVE GLOVES:

Chemically resistant, impervious gloves.

EYE PROTECTION:

Chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Chemically resistant, impervious shoes or boots.
Other protective clothing to prevent skin contact.

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SECTION VIII -- SPECIAL PRECAUTIONS

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources. Spills should be contained, cleaned with an absorbent diluent or absorbed on inerts, and placed in suitable containers for disposal. Persons not wearing protective equipment should be excluded from the area of the spill until clean-up has been completed.

WASTE DISPOSAL METHOD:

In a licensed, permitted facility, incinerate or landfill as a solid after cementation or encapsulation. Do not discharge into waterways or sewer systems. Spilled material, empty containers and unused contents must be disposed of in accordance with applicable local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in closed, properly labeled containers away from heat, open flames, isocyanates and other materials that react with hydroxyl groups. Avoid excessive inhalation of vapors and any dust that might be generated. Avoid contact eyes, skin and clothing. Wash thoroughly after handling. Do not ingest. Keep away from food and feed products. Good housekeeping required.

OTHER PRECAUTIONS:

Emptied containers retain product residues (vapor, liquid and/or solid). All hazard precautions given here must be observed. Keep product out of the reach of children. N O T E: THIS PRODUCT IS HYGROSCOPIC. AVOID EXPOSURE TO MOISTURE TO PROTECT PRODUCT QUALITY.

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SECTION 313 SUPPLIER NOTIFICATION

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This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372:

PERCENT

M A T E R I A L S A F E T Y D A T A S H E E T S
(MSDS)

DR-22196
Common Name

PAGE 5

CAS # CHEMICAL NAME

BY WEIGHT

NOT APPLICABLE

=====

* Registered trademark

The information contained herein is presented in good faith and is based on data believed to be accurate. However, no warranty is expressed or implied regarding this information or the results obtained from the use of this Material Safety Data Sheet whether it originated with Plasticolors, Inc or not. This Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use with any other material or in any process. This information is supplied upon the condition that the user will make the appropriate determination as to its suitability for their purposes prior to use. Plasticolors, Inc. assumes no legal responsibility for use or reliance upon this information.

Section VII - Precautions for Safe Handling and Use

If material is spilled or released: Avoid contact with material. Persons not wearing appropriate protective equipment should be excluded until the spill is cleaned up. Stop spill at source, pump liquid to salvage container. remaining liquid may be taken up on clay, diatomaceous earth, or other absorbent. treat with 3 - 8% concentration of ammonium hydroxide or 5 - 10% sodium carbonate. Add 10 parts neutralizing solution/part isocyanate. Let stand 48 hours.

Waste Disposal: Dispose of according to current local, state, and federal regulations.

Precautions for handling and storage: Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. (Exothermic generation of carbon dioxide may cause dangerous pressure.)

Section VIII - Control Measures

Respiratory Protection: None required if adequate ventilation exists. (A NIOSH/MSHA respirator is acceptable.)

Ventilation: Local exhaust may be required in some areas. Special exhausting generally not required. Mechanical exhaust usually adequate.

Protective gloves: Use impervious gloves. (Neoprene or rubber.)

Other protective clothing or equipment: Coveralls and impervious foot covering is recommended. Eye protection is recommended.

Work/Hygienic Practices: Water should be available to wash skin and eyes if required.

The information herein is given in good faith but no warranty, expressed or implied is made.

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VersaFlex, Incorporated

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Kansas City, Missouri 64111
(816) 561-6191
(800) 870-8842
Medical Inquiries (800) 859-6493

Issue Date: 12/01/94
MSDS #:

Section I - Product Name

Product: **SL-85 B (Urethane Hardner)**

Section II - Hazardous Ingredients/Identity Information

Components	Common Name	OSHA PEL	ACGIH TLV
Polyoxyalkyleneamine	904-610-0	Not Estab.	Not Estab.
N,N-Dialkylamino-diphenylmethane	5285-60-9	Not Estab.	Not Estab.
Alkylene carbonate	108-32-7	Not Estab.	Not Estab.
gamma-Glycidoxypolytrimethylsiloxane	2530-83-8	Not Estab.	Not Estab.
Pigment Dispersion	NA	10mg/m3	Not Estab.
Alkali-aluminosilicate	NA	6.0mg/m3	10mg/m3
Castor Oil	8001-79-4	Not Estab.	Not Estab.

Section III - Physical/Chemical Characteristics

Boiling Point:	395° Farenheit
Vapor Pressure (mm Hg):	No Data
Vapor Density(Air=1):	No Data
Solubility in Water:	1 - 10%
Specific Gravity (H2O=1):	1.05
Melting Point:	No Data
Evaporation rate (Butyl Acetate = 1):	Slower than
Appearance and Odor:	Gray (or color of pigment additive) with slight ammonia odor

Section IV - Fire and Explosion Hazard Data

Flash Point (method used):	>200° Fahrenheit (Pensky-Marten Closed)
Flammable Limits:	Class IIIB
LEL:	Not established
UEL:	Not established
Extinguishing Media:	Foam/Carbon dioxide/Dry Chemical/Water Fog
Special firefighting procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products exist.
Unusual Fire and Explosion Hazards:	Closed containers may rupture (due to build-up of pressure) when exposed to extreme heat.

Section V - Reactivity Data

Stability: Stable: Avoid excessive heat and strong oxidizing agents.

Incompatibility: Avoid: Strong oxidizers, acids.

Hazardous decomposition or Byproducts: Carbon dioxide, carbon monoxide, nitrogen oxides.

Polymerization: Will not occur.

Section VI - Health Hazard Data

Routes of Entry: Inhalation - minimal.
Skin absorption - slight.
Ingestion - moderate.

Health Hazards: Acute Ingestion: Moderately toxic, causes abdominal cramps, nausea, swelling.
Acute Inhalation: May cause nausea and respiratory tract irritation.
Mild Skin Contact: Product is a slight skin irritant, mild eye irritant.

Carcinogenicity: No data.
NTP: No data.
IARC Monographs: No data.
OSHA regulated: No.

Signs and Symptoms: Acute ingestion causes burning of mouth, throat, and stomach with abdominal pain.
Acute inhalation of vapors and mist cause nasal discharge and pain in eyes.

Exposure effects: No significant effects expected.

Emergency and First Aid Procedure: Ingestion - Do not induce vomiting! Get medical help immediately.
Skin contact - Remove from skin immediately. Rinse with clean water for 20 - 30 minutes.
Eyes- Immediately flush with large amount of water until medical help arrives.

Section VII - Precautions for Safe Handling and Use

If material is spilled or released: Standard hydrocarbon spill procedures apply to this product.

Waste Disposal: Dispose of according to current local, state, and federal regulations.

Precautions for handling and storage: Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. (Exothermic generation of carbon dioxide may cause dangerous pressure.)

Section VIII - Control Measures

Respiratory Protection: Respiratory masks should be worn at all times. (A NIOSH/MSHA respirator is acceptable.)

Ventilation: Adequate ventilation required. Local exhaust may be required in some areas. Special exhausting generally not required. Mechanical exhaust usually adequate.

Protective gloves: Use impervious gloves. (Neoprene or rubber.)

Other protective clothing or equipment: Coveralls and impervious foot covering is recommended. Eye protection is recommended.

Work/Hygienic Practices: Gloves and protective respiratory equipment should be worn at all times.

The information herein is given in good faith but no warranty, expressed or implied is made.

M.D. Chemical and Testing, Inc.

P.O. Box 19321, Forbes Field, Bldg 281, Topeka, KS 66619
Kansas Certification No. E-10135 (785)862-3500 fax(785)862-5132

Sample Collected By: Client

Received In lab: 04/02/1999

Date Reported: 04/09/1999

Project Name: Waste Profile Review

Project Number:

Lab Number: 990794

Client: VersaFlex, Inc.

3145 Broadway

Kansas City, MO 64111

ATTN: David Cerchie

Analysis	Method	Result	Detection Limit	Units	Date Analyzed	Analyst
990794-01	Sample ID: Waste					
Sampled: 04/01/1999						
Reactivity						
Sulfide, Reactive	SW846, Chap. 7.3	18.4	(2.5 in 10 gms)	mg/L(ppm)	04/05/199	TLF
Cyanide, Reactive	SW846, Chap. 7.3.2.4	0.33	(0.2)	mg/L(ppm)	04/09/199	MDS

Approved By:



Lab Manager

M.D. Chemical and Testing, Inc.

P.O. Box 19321, Forbes Field, Bldg 281, Topeka, KS 66619
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Lab Number: 990794

Client: VersaFlex, Inc.

3145 Broadway

Kansas City, MO 64111

ATTN: David Cerchie

Analysis	Method	Result	Detection Limit	Units	Date Analyzed	Analyst
<hr/>						
990794-01	Sample ID: Waste					
Sampled: 04/01/1999						
Flashpoint -Open	EPA SW846-1010	GT 200	NA	°F	04/06/99	TLF
Paint Filter Test	EPA SW846 9095	Passed	NA	None	04/02/99	TLF
pH	EPA 150.1	5.48	NA	pH Units	04/05/99	TLF

Approved By:



Lab Manager

M.D. Chemical and Testing, Inc.

P.O. Box 19321, Forbes Field, Bldg 281, Topeka, KS 66619
Kansas Certification No. E-10135 (785)862-3500 fax(785)862-5132

Sampled Collected By: Client

Sample Number: 990794-01

Date Collected: 4/1/99

Client: VersaFlex, Inc.

Received In lab: 4/2/99 08:26

3145 Broadway

Date Reported: 4/8/99

Kansas City, MO 64111

Analyst: HK

Project Name: Waste Profile Review

ATTN: David Cerchie

Project Number:

Sample Description: grab/solid

Sample ID: Waste

**Analysis: TCLP EXTRACT ANALYSIS - METALS
EPA SW-846 METHOD**

ANALYTES	TCLP EXTRACT RESULTS mg/L(ppm)	DETECTION LIMIT mg/L(ppm)	EPA TCLP LIMIT mg/L(ppm)	EXTRACT ANALYSIS METHOD	DATE ANALYZED
Arsenic	Not Detected	(0.005)	5.0	1311/7060	4/7/99
Barium	Not Detected	(0.2)	100	1311/7080	4/8/99
Cadmium	Not Detected	(0.05)	1.0	1311/7130	4/7/99
Chromium	Not Detected	(0.08)	5.0	1311/7190	4/7/99
Lead	Not Detected	(0.08)	5.0	1311/7420	4/7/99
Mercury	Not Detected	(0.005)	0.2	1311/7470	4/8/99
Selenium	Not Detected	(0.005)	1.0	1311/7740	4/7/99
Silver	Not Detected	(0.05)	5.0	1311/7760	4/7/99

1. Test Procedures as per EPA TCLP regulations in 40 CFR 261, Appendix 11, as amended.

2. mg/L = milligrams per liter

Approved By:



Lab Manager

M.D. Chemical and Testing, Inc.

P.O. Box 19321, Forbes Field, Bldg 281, Topeka, KS 66619
 Kansas Certification No. E-10135 (785)862-3500 fax(785)862-5132

Sampled Collected By: Client

Date Collected: 4/1/99

Received In lab: 4/2/99

Date Reported: 4/9/99

Project Name: Waste Profile Review

Project Number:

P.O. Number:

Sample Number: 990794-01

Client: VersaFlex, Inc.

3145 Broadway

Kansas City, MO 64111

ATTN: David Cerchie

Sample Description: grab/solid

Sample ID: Waste

Analysis: TCLP - SemiVolatiles - EPA 625/8270

ANALYTES	RESULTS mg/L(ppm)	DETECTION LIMIT mg/L(ppm)	LIMIT mg/L(ppm)	EXTRACT ANALYSIS METHOD
Hexachloro-1,3-Butadiene	Not Detected	0.10	0.5	EPA 625/8270
Hexachloroethane	Not Detected	1.0**	3.0	EPA 625/8270
Nitrobenzene	Not Detected	1.0**	2.0	EPA 625/8270
Pyridine	Not Detected	0.10	5.0	EPA 625/8270
2,4-Dinitrotoluene	Not Detected	0.010	0.13	EPA 625/8270
Hexachlorobenzene	Not Detected	0.010	0.13	EPA 625/8270
o-Cresol	Not Detected	0.10	200.0	EPA 625/8270
m-Cresol	Not Detected	0.10	200.0	EPA 625/8270
p-Cresol	Not Detected	0.10	200.0	EPA 625/8270
Cresol's, Total	Not Detected	0.10	200.0	EPA 625/8270
Pentachlorophenol	Not Detected	1.0	100.0	EPA 625/8270
2,4,5-Trichlorophenol	Not Detected	0.10	400.0	EPA 625/8270
2,4,6-Trichlorophenol	Not Detected	0.10	2.0	EPA 625/8270

**Note: Detection Limits elevated due to high interference.

Approved By:



Lab Manager

M.D. Chemical and Testing, Inc.

P.O. Box 19321, Forbes Field, Bldg 281, Topeka, KS 66619
 Kansas Certification No. E-10135 (785)862-3500 fax(785)862-5132

Sampled Collected By: Client

Sample Number: 990794-01

Date Collected: 4/1/99

Client: VersaFlex, Inc.

Received In lab: 4/2/99

3145 Broadway

Date Reported: 4/7/99

Kansas City, MO 64111

Project Name: Waste Profile Review

ATTN: David Cerchie

Project Number:
Sample Description: grab/solid

P.O. Number:
Sample ID: Waste

Analysis: TCLP Volatiles - EPA 1311/8260

ANALYTES	RESULTS mg/L(ppm)	DETECTION LIMIT mg/L(ppm)	LIMIT mg/L(ppm)	EXTRACT ANALYSIS METHOD
Benzene	Not Detected	0.025	0.5	SW 846-8260
Carbon Tetrachloride	Not Detected	0.050	0.5	SW 846-8260
Chlorobenzene	Not Detected	0.050	100	SW 846-8260
Chloroform	Not Detected	0.050	6.0	SW 846-8260
1,4-Dichlorobenzene	Not Detected	0.050	7.5	SW 846-8260
1,2-Dichloroethane	Not Detected	0.050	0.5	SW 846-8260
1,1-Dichloroethylene	Not Detected	0.10	0.7	SW 846-8260
Methyl Ethyl Ketone	Not Detected	2.5	200	SW 846-8260
Tetrachloroethylene	Not Detected	0.050	0.7	SW 846-8260
Trichloroethylene	Not Detected	0.050	0.5	SW 846-8260
Vinyl Chloride	Not Detected	0.10	0.2	SW 846-8260

Approved By:



Lab Manager

SECTION I - PRODUCT IDENTIFICATION

Manufacturer : REBUS INC. | Information Phone: (610)497-4710
20 McDonald Blvd | Emergency Phone: (610)497-4710
Aston, Pa 19014 +-----
| Hazard Ratings: Health: 1
Product Class: | None -- Extreme Fire : 1
Trade Name : BEIGE | 0 ----- 4 Reactivity: 0
Product Code : 2559 |
C.A.S. Number: MIXTURE | Personal Protection: B

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Weight %	---Exposure Limits---	VP	
			ACGIH/TLV	OSHA/PEL	mm Hg
Carbon Black	1333-86-4	<0.20	3.5mg/m ³	3.5mg/m ³	N/A
Titanium Dioxide	13463-67-7	45-65	10.0mg/m ³	5.0mg/m ³	N/A

NOTE: ALL Ingredients listed are in the T.S.C.A. Inventory.

SECTION III - PHYSICAL DATA

Boiling Range: 250 °C at 3.0 mmHg Vapor Density : Heavier than Air
Evap. Rate : Non Volatile Liquid Density: Heavier than Water
Volatiles volume: 0.0 % Wgt per gallon: 16.02
Spec. Gravity : 1.92
Appearance: POURABLE BEIGE LIQUID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Flash Point: 238 °C (COC) LEL: NE

-EXTINGUISHING MEDIA:

Use foam, carbon dioxide or dry chemical.

-SPECIAL FIREFIGHTING PROCEDURES:

Extinguish flame from perimeter inward to main body of fire.
Firefighters should wear self-contained breathing equipment and protective clothing. Burning can produce oxides of Carbon and Nitrogen.
If the material contains Carbon then one must wear a self-contained breathing apparatus for protection against possible exposure to CO or CO₂ during a fire.

-UNUSUAL FIRE & EXPLOSION HAZARDS:

Carbon Monoxide and Carbon Dioxide are byproducts of combustion.
It may not be obvious that the mixture is burning unless the material is stirred and sparks are apparent.

Material Safety Data Sheet for: 2559 BEIGE

=====

SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:

-See SECTION II - HAZARDOUS INGREDIENTS

-EFFECTS OF OVEREXPOSURE:

CARBON BLACK: See Addendum.

TITANIUM DIOXIDE:

Results of a Dupont epidemiology study showed that employees who had been exposed to TITANIUM DIOXIDE pigment were at no greater risk of developing lung cancer than were employees who had not been exposed to TITANIUM DIOXIDE pigments. Based on the results of this study DUPONT concluded the TiO_2 pigments will not cause lung cancer or Chronic Respiratory Disease in humans at concentrations experienced in the work place.

-FIRST AID:

INGESTION: Induce vomiting - Consult physician

EYE CONTACT: Flush well with cold water - Consult physician

SKIN CONTACT: Immediately wash skin with soap and plenty of water. Remove contaminated clothing and shoes. Wash or Clean clothing before reuse.

Inhalation of Carbon dust: Remove to fresh air.

Inhalation of TiO_2 dust: Remove to fresh air

=====

SECTION VI - REACTIVITY DATA

STABILITY: [] UNSTABLE [X] STABLE

HAZARDOUS POLYMERIZATION: [] MAY OCCUR [X] WILL NOT OCCUR

- INCOMPATIBILITY: (Materials to avoid)

Strong oxidizing agents.

- CONDITIONS TO AVOID:

ETHER RESIN when heated in the presense of air (oxygen) to temperatures above 212 °F (100 °C) may result in the formation of aldehydes. CARBON: Excessive heat or flames. May react upon contact with strong oxidizers such as chlorates, bromates and nitrates.

- HAZARDOUS DECOMPOSITION PRODUCTS:

The burning of ether resins can produce oxides of carbon and nitrogen.

Carbon: Carbon monoxide, carbon dioxide and small amounts of sulfur containing gasses when burning.

Material Safety Data Sheet for: 2559 BEIGE

=====

SECTION VII - SPILL OR LEAK PROCEDURES

- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Confine spill. Transfer to secure containers where necessary.
Collect using absorbent media. Flush area with hot water and detergent.

- WASTE DISPOSAL METHOD:
Dispose of in accordance with Federal, State and Local regulations.

=====

SECTION VIII - SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION:
Where dust may be present, an approved NIOSH/MSHA dust respirator is recommended.

- VENTILATION:
Mechanical ventilation suggested.

- PROTECTIVE GLOVES:
Chemical workers gloves are recommended.

- EYE PROTECTION:
Chemical goggles as needed to prevent eye contact.

- OTHER PROTECTIVE EQUIPMENT:
Practice good hygiene, wash hands and face before eating or smoking.
Launder clothing before reuse.

=====

SECTION IX - SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
WARNING! ETHER RESIN causes eye irritation- Avoid contact with eyes.
Store in tightly closed containers in cool, dry well-ventilated area away from heat, sources of ignition and incompatibles. Keep away from food and feed products.

- OTHER PRECAUTIONS:

Material Safety Data Sheet for: 2559 BEIGE

=====

SECTION X - REGULATORY INFORMATION

- CALIFORNIA'S PROPOSITION 65 STATEMENT (1986):

Unless specified below, this substance is not listed.

- MASSACHUSETTS SUBSTANCE LIST:

Unless specified below, this substance is not listed.

- CERCLA - 40 CFR 302.4:

Unless specified below, this substance is not listed.

- RCRA - 40 CFR 261:

Unless specified below, this material is as a discarded product is not a hazardous waste under RCRA, 40 CFR 261.

- TSCA - 44 CFR 59764:

All components are listed on the TSCA Inventory.

- DISCLAIMER:

The information herein is given in good faith but no warranty, expressed or implied, is made.

Material Safety Data Sheet
CARBON BLACK ADDENDUM

=====

HEALTH EFFECTS:

Inhalation -Temporary discomfort to upper respiratory track may occur due to inhalation of high dust levels well above the 8 hour occupational exposure limit.

Skin - Powder may cause drying of the skin with repeated or prolonged contact.

Ingestion - No adverse effects expected.

Eyes - Not identified as an irritant. High dust concentrations may cause mechanical irritation.

Carbon black has been evaluated by IARC as possibly carcinogenic to humans (Group 2b). Refer to effects of overexposure for further information.

=====

EFFECTS OF OVEREXPOSURE:

Routes of Exposure: Inhalation, Ingestion, Eyes, Skin Contact

Medical Conditions Aggravated: None expected. Like any nuisance dust, may aggravate certain preexisting upper respiratory disorders, such as bronchitis or asthma.

Synergistic Materials: None expected

Acute Effects

Acute Inhalation: Non expected. Based on experience, temporary discomfort or mechanical irritation to upper respiratory tract may occur due to inhalation of dust concentrations well above the 8 hour TLV

Acute Ingestion: No adverse effects expected

Acute Eye: Not identified as a significant irritant in rat studies. High dust concentrations may cause mechanical irritation.

Acute Skin: Not identified as a significant irritant in rat studies. No adverse effects expected.

Chronic Effects**Chronic Inhalation**

Human Studies: Epidemiological studies of workers in the carbon black producing industries of North America and Western Europe show no evidence of clinically significant , adverse health effects due to occupational exposure to carbon black. Early studies in the former USSR and Eastern Europe report respiratory diseases among workers exposed to carbon black, including: bronchitis, pneumoconiosis, emphysema, and rhinitis. These studies are of questionable validity, due to inadequate study design and methodology, lack of appropriate controls for cigarette smoking, and other confounding factors such as concurrent exposures to carbon monoxide, coal oil, and petroleum vapors. Moreover, review of these studies indicates that work environment concentrations of carbon black were considerably greater than current occupational exposure standards. In its Monograph Volume 65, issued in April 1996, the International Agency for Research on Cancer (IARC) reevaluated carbon black and concluded that "there is inadequate evidence in humans for the carcinogenicity of carbon black".

Material Safety Data Sheet
CARBON BLACK ADDENDUM

=====

Animal Toxicity Studies: Carbon contains less than 0.1% of adsorbed PAHs (polynuclear aromatic hydrocarbons). In non-adsorbed form, some PAHs have been found to be carcinogens in animal studies. No correlating carcinogenic effect, however, has been observed in humans due to exposure to carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed, for long periods of time, to excessive concentrations of carbon black and several other insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Many researchers conducting rat inhalation studies believe that these effects most likely result from the massive accumulation of small dust particles in the lung which overwhelm the natural lung clearance mechanisms, known as the "lung overload" phenomenon, rather than from a specific chemical effect of the dust particles in the lung.

Carcinogenicity: Many inhalation toxicologists believe that the tumor response observed in the referenced rat studies is species specific and does not correlate to human exposure. However, the IARC evaluation in Monograph 65 concluded that "there is sufficient evidence in experimental animals for the carcinogenicity of carbon black". Based on this evaluation, along with their evaluation of inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that "carbon black is possibly carcinogenic to humans (Group 2B)".

Carbon black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety and Health Administration (NIOSH) criteria document on carbon black recommends that only carbon blacks with PAH levels greater than 0.1% be considered suspect carcinogens.

Mutagenicity: Carbon black is negative in Ames tests and bioassays for food use testing.

Reproductivity: None known.

Chronic Ingestion: No significant changes were seen in rats or mice during feeding studies with carbon black for up to two years.

Chronic Eye: No adverse effects expected.

Chronic Skin: After application of a carbon black suspension to the skin of mice, rabbits and rats, no skin tumors were reported. Powder may cause drying of the skin with repeated or prolonged contact.

Sensitization: No animal data is available. Based on experience, no adverse effects are expected.

Animal Toxicity:

Primary Eye Irritation (rabbit) : Produced slight conjunctiva redness which cleared within 7 days. Maximum Draize scores ranged from 10-17

Primary Skin Irritation (rabbit): >8,000 mg/kg.

"Ames" Test: Not mutagenic without or with metabolic activation, S9.



Hazardous Waste Compliance Monitoring and Enforcement Log

FORM A

HANDLER

KSD 007139264

LDF ()

TSF ()

GEN ()

KG ()

SQ ()

TRA ()

ID Number:

KSNMFI1100074

HWM ()

HWB ()

UOM ()

UOB ()

NOT A GEN ()

Handler Name: Versa Flex

AT N/A
FT 7/20/99

CL 8-4-99
RCRIS 8-4-99

Street: 22 N. 6th

City: Kansas City

County: Wyandott

EVALUATION

New ☒

Followup: Date (on site)

☐ ☐ ☐

Date (of letter)

☐ ☐ ☐ ☐ ☐ ☐

Delete ☐

Date ☐ ☐ ☐ ☐ ☐ ☐

Agency ☐ S

Type ☐ C ☐ E ☐ I

Reason ☐ ☐

Person ☐ B ☐ R ☐ M

District ☐ N ☐ E

Areas of Evaluation (EV - Evaluated, NE - Not Evaluated, NA - Not Applicable)

Generator	
GER	NA
GPT	NA
GGR	EV
GRR	NA
GLB	NA
GSC	NA
GMR	NA
GSQ	NA
GOR	NA

Transporter
TGR
TMR
TOR
TRR
TWD

Treatment/Storage/Disposal Facility			
DCH	DGW	DMC	DPP
DCL	DIN	DMR	DSI
DCP	DLB	DOR	DTR
DFR	DLF	DOT	DTT
DGS	DLT	DPB	DWP

Other
BRR
CAS
CSS
FEA
ILD

Used Oil UOM ☐ UOB ☐ UTM ☐ SUM ☐ SUB ☐

COMMENTS

(Formerly Hess Printed Circuits A KS Generator)

Facility Name:

VIOlation #	1	Date Determined	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
New	<input type="checkbox"/>	Change	<input type="checkbox"/>	Delete	<input type="checkbox"/>
Comments					
Agency	Number	Area	Class	Priority	Type
S	1	GGR	2		
Regulation Citation: 40 CFR 279.22(c)					
Description: NO Label on 3 drums 55 gallon drums with the words "Used Oil"					
Returned to Compliance					
Scheduled <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Actual <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					

VIOlation #		Date Determined	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
New	<input type="checkbox"/>	Change	<input type="checkbox"/>	Delete	<input type="checkbox"/>
Comments					
Agency	Number	Area	Class	Priority	Type
S					
Regulation Citation:					
Description:					
Returned to Compliance					
Scheduled <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Actual <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					

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New	<input type="checkbox"/>	Change	<input type="checkbox"/>	Delete	<input type="checkbox"/>
Comments					
Agency	Number	Area	Class	Priority	Type
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Regulation Citation:					
Description:					
Returned to Compliance					
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Actual <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					

VIOlation #		Date Determined	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
New	<input type="checkbox"/>	Change	<input type="checkbox"/>	Delete	<input type="checkbox"/>
Comments					
Agency	Number	Area	Class	Priority	Type
S					
Regulation Citation:					
Description:					
Returned to Compliance					
Scheduled <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Actual <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					



NOTICE OF COMPLIANCE/NON-COMPLIANCE

Page 1 of 1

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT Division of Environment Waste Management Program

Hazardous Waste: Complaint() LDF() TSF() GEN() KG() SO() TRA() UOM() UOB() NOT A GEN()
Solid Waste: Complaint() SLF() TRF() LDF() CDF() HHW() OBS() UOS() WTT() WTP() WTM() YWC() MED()

TO: Versa Flex

Facility Name

Date

22 N. 6th

Address

KANSAS CITY, KS

City

State

66101

Zip Code

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON - NOT A GEN
EPA Identification No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Solid Waste Permit No.

This inspection was conducted to determine compliance with the state and federal solid and hazardous waste statutes and regulations.

☒ **Violations As Follows**☐ **No Violations Identified**CitationDescription of Violation1. 10CFR 279.22(c)No label on 3 (55 gallon drums) with the words "used oil."☒ **Other Comments/Concerns:**1. Violation corrected while I was at the site.

This notice is provided to call immediate attention to those areas of non-compliance. This notice does not constitute a compliance order issued by KDHE and may not be a complete listing of all violations which may be identified as a result of this inspection. Your facility must submit in writing within days of receipt of this notice a description of all corrective actions taken and/or a schedule for completion of necessary corrective actions to be taken. Any corrective actions taken by your facility will be considered in subsequent enforcement follow-up.

Your response must be submitted to:

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF WASTE MANAGEMENT
BUILDING 740 FORBES FIELD
TOPEKA, KANSAS 66620

WMA, Kansas 67103-1112

If you have any questions concerning this Notice or wish to discuss your response, you may call me at (316) 838-1071 or Bureau of Waste Management in the Topeka Office at (913) 296-1604.

This Notice was prepared by

Bob R. MadenDate 6/18/97

I, the undersigned hereby acknowledge that I have received and read this Notice.

Printed

Name: David C. SmithSignature: [Signature]Title: ManagerDate: 6/18/97